



6304531 ST. CLAIR CO. E. ST. LOUIS/WASTEX

WASTEX RESEARCH, INC. DIVISION FILE

2000 Broadway

East St. Louis, IL 62207

Phone: 271-2372

January 29, 1982

Illinois Environmental Protection Agency
113 West Main Street
Collinsville, Illinois 62234

Re: LST-1 Storage Tank
Explosion & Rupture

RECEIVED

FEB 8 1982

ILL. E.P.A. - D.L.P.C.
STATE OF ILLINOIS

Attention: Mr. Ken Mensing-Southern Region Manager
Land Field Operations Section, Division
of Land/Noise Pollution Control

RECEIVED

FEB 17 1982

E.P.A. - D.L.P.C.
STATE OF ILLINOIS

Dear Ken:

Attached is an analysis of sample LST-1-A of which is a random liquid sampling from eight different areas of the retention impoundment. The representative samples were blended together to formulate the waste sample described as LST-1-A.

The waste was then blended in a ribbon mixer with lime, fly ash (from Union Electric plant) and the saturated earth in the impoundment, thus the results of that sampling are marked LST-1-B. The results of that test do not indicate the waste exceeds any of the maximum concentration limits. The waste has no characteristics of reactivity, toxicity, corrosivity or ignitibility, the PH factor is 5.0. Therefore, special permits should not be required.

Our method of treatment in the field shall be the method stated above. We have acquired a portable Ersham 600CF ribbon mixer with the necessary conveyors and loading equipment to treat the wastes. Random sampling shall be made to maintain the factor stated in LST-1-B. The material shall then be hauled to a sanitary landfill.

EPA Region 5 Records Ctr.



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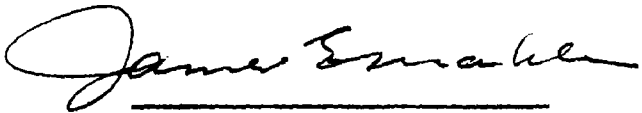
Mr. Ken Mensing

Illinois Environmental Protection Agency

We are prepared to start treatment as soon as the weather and the agency's approval is received.

Respectfully submitted,

Wastex Research Incorporated

A handwritten signature in dark ink, appearing to read "James E. Marple", is written over a horizontal line.

James E. Marple - President

Enclosures:

Analysis of sample marked LST-1-A
and sample marked LST-1-B

JEM/dm